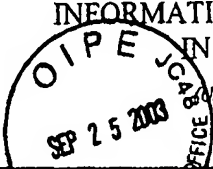


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| Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>  | Docket Number 204552029200 | Application Number 10/614,342 |
| | Applicant Shinichi NAGAHAMA et al. | |
| | Filing Date July 8, 2003 | Group Art Unit To be assigned <i>2815</i> |
| | Mailing Date September 25, 2003 | |

U.S. PATENT DOCUMENTS

| Examiner Initials | Ref. No. | Date | Document No. | Name | Class | Subclass | Filing Date If Appropriate |
|-------------------|----------|------------|--------------|------|-------|----------|----------------------------|
| <i>JH</i> | 1. | 9/28/1999 | 5,959,316 | / | 257 | 98 | / |
| | 2. | 8/23/2001 | 2001-015443 | | 257 | 81 | |
| | 3. | 8/30/2001 | 2001-017874 | | 372 | 45 | |
| | 4. | 12/17/2002 | 6,495,862 | | 257 | 103 | |
| | 5. | 4/3/2003 | 2003-0062530 | | 257 | 79 | |
| <i>JH</i> | 6. | 11/22/2001 | 2001-0042866 | | 257 | 103 | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials | Ref. No. | Date | Document No. | Country | Class | Subclass | Translation YES NO |
|-------------------|----------|------------|----------------|---------|-------|----------|--------------------|
| <i>JH</i> | 7. | 1/12/2001 | JP 2001-007394 | * / | — | — | X |
| | 8. | 3/30/2001 | JP 2001-085747 | * / | — | — | X |
| | 9. | 10/24/2000 | JP 2000-299503 | * / | — | — | X |
| | 10. | 2/25/1992 | JP 4-057329 | * / | — | — | X Abstract |
| | 11. | 1/14/1992 | JP 4-010418 | * / | — | — | X Abstract |
| | 12. | 7/31/2001 | JP 2001-206710 | * / | — | — | X |
| | 13. | 1/13/1977 | JP 52-004175 | * / | — | — | X Abstract |
| | 14. | 1/19/2001 | JP 2001-015817 | * / | — | — | X |
| | 15. | 3/14/2000 | JP 2000-077723 | * / | — | — | X Abstract |
| | 16. | 3/31/1995 | JP 7-086640 | * / | — | — | X |
| | 17. | 2/5/1993 | JP 5-029663 | * / | — | — | X |
| | 18. | 7/14/2000 | JP 2000-196141 | * / | — | — | X Abstract |
| | 19. | 9/18/2001 | JP 2001-253294 | * / | — | — | X |
| | 20. | 7/19/2001 | JP 2001-196645 | * / | — | — | X |
| | 21. | 7/27/2001 | JP 2001-203392 | * / | — | — | X |
| | 22. | 12/10/1999 | JP 11-340518 | * / | — | — | X Abstract |
| <i>JH</i> | 23. | 10/13/1995 | JP 7-263553 | * / | — | — | X |

EXAMINER: *JH Ebert*DATE CONSIDERED: *1/6/05*

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 204552029200

Application Number 10/614,342

Applicant

Shinichi NAGAHAMA et al.

Filing Date July 8, 2003

Group Art Unit To be assigned 2815

Mailing Date September 25, 2003

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|-----|------------|----------------|-----|---|--|--|--|------------|---|
| 24. | 8/6/1993 | JP 5-198689 | * | / | | | | X | |
| 25. | 6/15/1999 | JP 11-506872 | * | / | | | | X Abstract | |
| 26. | 5/6/1998 | JP 10-117016 | * | / | | | | X | |
| 27. | 1/10/1997 | UP 9-008403 | * | / | | | | X | |
| 28. | 5/16/1997 | JP 9-129932 | * | / | | | | X | |
| 29. | 11/9/2001 | JP 2001-313422 | * | / | | | | X | |
| 30. | 10/26/2001 | JP 2001-298214 | * | / | | | | X Abstract | |
| 31. | 7/14/2000 | JP 2000-196152 | * | / | | | | X Abstract | |
| 32. | 8/6/1999 | JP 11-214744 | * | / | | | | X | |
| 33. | 10/12/2001 | JP 2001-284641 | * | / | | | | X | |
| 34. | 8/14/1986 | JP 61-182292 | * | / | | | | X Abstract | |
| 35. | 7/21/1975 | JP 50-091292 | * | / | | | | | X |
| 36. | 11/14/1983 | JP 58-195276 | * | / | | | | X Abstract | |
| 37. | 8/14/1986 | JP 61-182256 | * | / | | | | X Abstract | |
| 38. | 8/19/1994 | JP 6-232510 | * | / | | | | X | |
| 39. | 8/16/1986 | JP 61-183986 | * | / | | | | X Abstract | |
| 40. | 1/14/1986 | JP 61-007671 | * | / | | | | X Abstract | |
| 41. | 1/31/1992 | JP 4-029374 | * | / | | | | X Abstract | |
| 42. | 3/3/2000 | JP 2000-067673 | * | / | | | | X | |
| 43. | 3/27/1986 | JP 61-059886 | * | / | | | | X Abstract | |
| 44. | 6/10/2000 | JP 2000-277804 | * | / | | | | X | |
| 45. | 8/15/2000 | JP 2000-228537 | * | / | | | | X Abstract | |
| 46. | 12/20/2000 | EP 1 061 590 | EPO | | | | | X | |
| 47. | 4/24/2003 | WO 03/34508 | PCT | | | | | X | |
| 48. | 1/3/1997 | WO 97/00535 | PCT | | | | | X | |

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

| Examiner Initials | Ref. No. | Title |
|-------------------|----------|---|
| 2815 | 49. | Morita et al. "High Output Power 365nm Ultraviolet Light Emitting Diode of GaN-Free Structure", Jpn. J. Appln. Phys. Vol. 41, Part 2, No. 12B 12/2002, pp. L1434-L1436. |

EXAMINER:

2815

DATE CONSIDERED:

1/6/05

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.